



15-167-23401

21-155-12w

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 21108.D421

Page 1 of 2 Pages

Company L. D. Drilling, Inc. Lease & Well No. Kilian No. 1Elevation 1819 KB Formation Lansing "C" Effective Pay -- Ft. Ticket No. J2024Date 2-05-07 Sec. 21 Twp. 15S Range 12W County Russell State KansasTest Approved By Randy Kilian Diamond Representative John C. RiedlFormation Test No. 1 Interval Tested from 3,010 ft. to 3,035 ft. Total Depth 3,035 ft.Packer Depth 3,005 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.Packer Depth 3,010 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.Depth of Selective Zone Set -- ft.Top Recorder Depth (Inside) 3,013 ft. Recorder Number 21108 Cap. 5,000 psiBottom Recorder Depth (Outside) 3,032 ft. Recorder Number 11017 Cap. 4,000 psiBelow Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psiDrilling Contractor Royal Drilling - Rig 1 Drill Collar Length -- ft. I.D. -- in.Mud Type Chemical Viscosity 54 Weight Pipe Length -- ft. I.D. -- in.Weight 9.0 Water Loss 8.0 cc. Drill Pipe Length 2,990 ft. I.D. 3 1/2 in.Chlorides 2,800 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.Jars: Make Bowen Serial Number Not Run Anchor Length 25 ft. Size 4 1/2 - FH in.Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.Blow: 1st Open: Strong blow. Off bottom of bucket in 1 min. Strong blow back during shut-in.2nd Open: Strong blow. Off bottom of bucket in 5 mins. Gas to surface in 3 mins. Strong blow back during shut-in.Recovered 90 ft. of oil cut gassy mud = 1.278000 bbls. (Grind out: 10%-oil; 20%-gas; 70%-mud)Recovered 180 ft. of mud cut gassy oil = 2.556000 bbls. (Grind out: 15%-mud; 20%-gas; 65%-oil)Recovered 250 ft. of water = 3.550000 bbls. (Chlorides: 100,000 Ppm)Recovered 520 ft. of TOTAL FLUID = 7.384000 bbls.Recovered -- ft. of --Remarks Gas gauged 2 MCF/D to 3 MCF/D throughout 2nd Open.Time Set Packer(s) 9:00 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 12:00 ~~P.M.~~ ^{A.M.} Maximum Temperature 107°Initial Hydrostatic Pressure (A) 1462 P.S.I.Initial Flow Period Minutes 45 (B) 75 P.S.I. to (C) 177 P.S.I.Initial Closed In Period Minutes 45 (D) 603 P.S.I.Final Flow Period Minutes 45 (E) 187 P.S.I. to (F) 238 P.S.I.Final Closed In Period Minutes 45 (G) 587 P.S.I.Final Hydrostatic Pressure (H) 1449 P.S.I.

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: RANDY KILIAN

Phone: Fax: e-mail:

Well Information:

Name: KILIAN #1

Operator: L D DRILLING INC

Location-Downhole: DST #1 3010 TO 3035

Location-Surface: S21/15S/12W RUSSELL COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: RANDY KILIAN

Test Type: CONVENTIONAL

Job Number: RD421

Test Unit: 2

Start Date: 2007/02/05

Start Time: 19:15:00

End Date: 2007/02/06

End Time: 02:15:00

Report Date: 2007/02/06

Prepared By: JOHN RIEDL

Remarks:

Qualified By: RANDY KILIAN

RECOVERY: 90' OCGM

180' MCGO

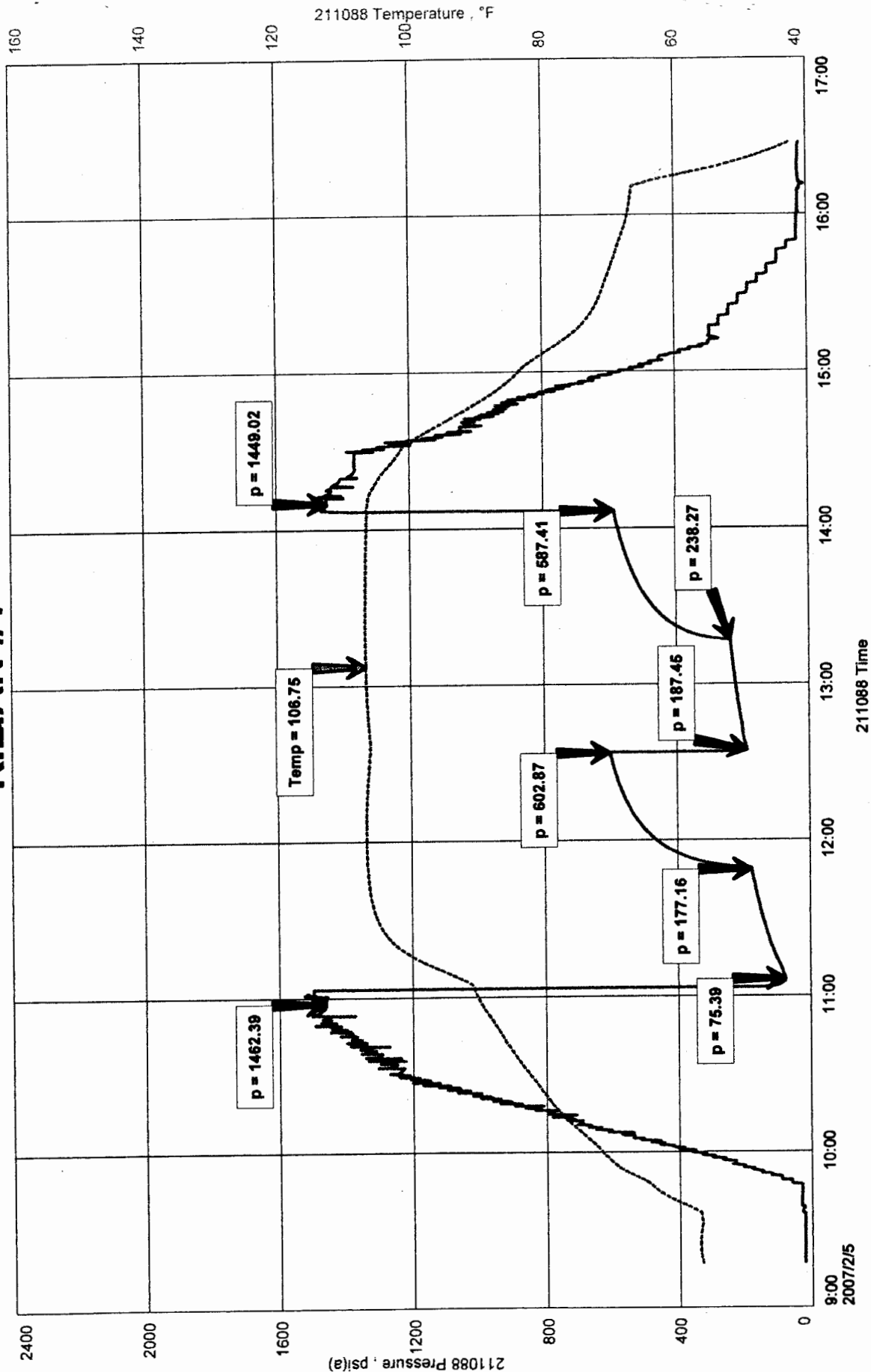
250' WATER

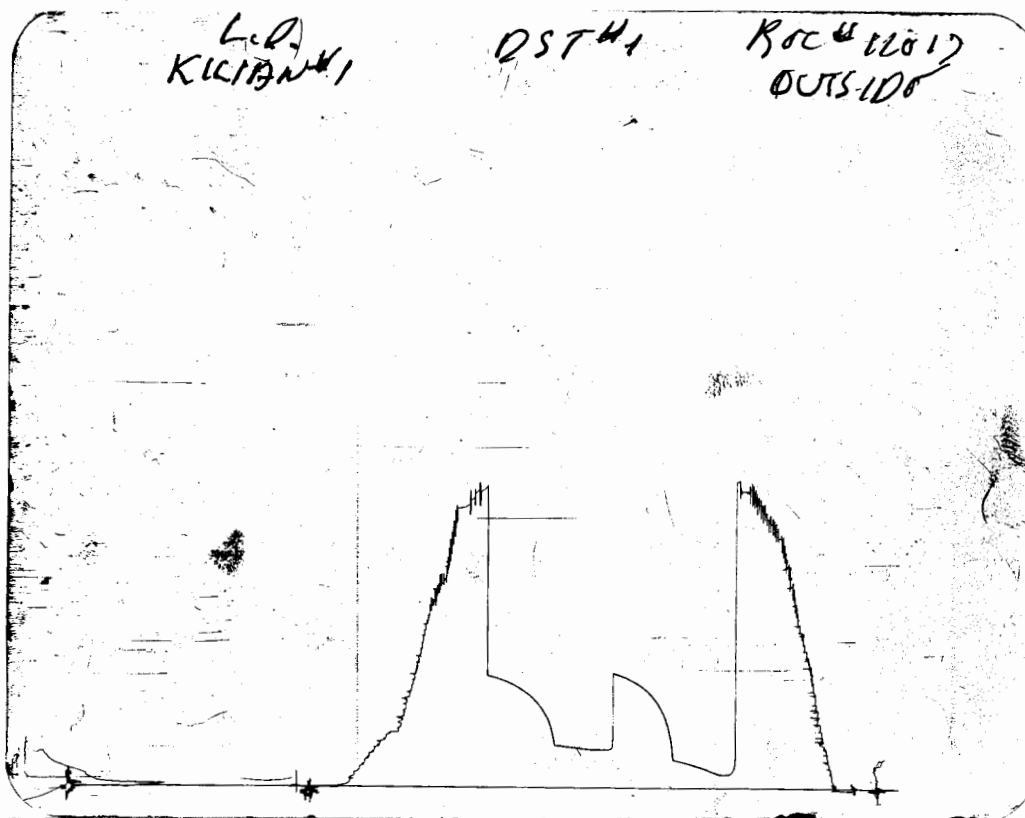
TOTAL FLUID REC' 420' IN DRILL PIPE

KILIAN #1
Formation: LANSING "C"
Job Number: RD421

L D DRILLING INC
DST #1 3010 TO 3035
Start Test Date: 2007/02/05
Final Test Date: 2007/02/06

KILIAN #1





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	
	Field Reading			
(A) Initial Hydrostatic Mud	1462	1462	PSI	
(B) First Initial Flow Pressure.....	75	75	PSI	
(C) First Final Flow Pressure	177	177	PSI	
(D) Initial Closed-in Pressure	603	603	PSI	
(E) Second Initial Flow Pressure	187	187	PSI	
(F) Second Final Flow Pressure.....	238	238	PSI	
(G) Final Closed-in Pressure.....	587	587	PSI	
(H) Final Hydrostatic Mud	1449	1449	PSI	



DIAMOND TESTING

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STC 21108.D423

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Company L. D. Drilling, Inc. Lease & Well No. Kilian No. 1
Elevation 1819 KB Formation Lansing "F" & "G" Effective Pay -- Ft. Ticket No. J2025
Date 2-06-07 Sec. 21 Twp. 15S Range 12W County Russell State Kansas
Test Approved By Randy Kilian Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 3,044 ft. to 3,085 ft. Total Depth 3,085 ft.

Packer Depth 3,039 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,044 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,047 ft. Recorder Number 21108 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,082 ft. Recorder Number 11017 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Royal Drilling - Rig 1 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 52 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 7.2 cc. Drill Pipe Length 3,024 ft. I.D. 3 1/2 in.

Chlorides 3,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - JF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 41 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Good, 7 in., blow decreasing to 3 ins. then building back to 6 ins. Weak blow back during shut-in.
2nd Open: Strong blow. Off bottom of bucket in 15 mins.

Recovered 20 ft. of gas in pipe

Recovered 70 ft. of oil & water cut gassy mud = .994000 bbls. (Grind out: 5%-oil; 10%-water; 15%-gas; 70%-mud)

Recovered 150 ft. of very slightly oil cut gassy water = 2.130000 bbls. (Grind out: 1%-oil; 15%-gas; 84%-water)

Recovered 220 ft. of TOTAL FLUID = 3.124000 bbls. Chlorides: 30,000 Ppm

Recovered ft. of

Remarks

Time Set Packer(s) 1:05 P.M. Time Started Off Bottom 4:05 P.M. Maximum Temperature 101°

Initial Hydrostatic Pressure (A) 1477 P.S.I.

Initial Flow Period Minutes 30 (B) 46 P.S.I. to (C) 80 P.S.I.

Initial Closed In Period Minutes 45 (D) 478 P.S.I.

Final Flow Period Minutes 45 (E) 85 P.S.I. to (F) 135 P.S.I.

Final Closed In Period Minutes (G) 467 P.S.I.

Final Hydrostatic Pressure (H) 1447 P.S.I.

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: RANDY KILLIAN

Phone: Fax: e-mail:

Well Information:

Name: KILLIAN #1

Operator: L D DRILLING INC

Location-Downhole: DST #2 3044 TO 3085

Location-Surface: S21/15S/12W RUSSELL COUNTY

Test Information:

Company: DIAMOND TESTING INC

Representative: JOHN RIEDL

Supervisor: RANDY KILLIAN

Test Type: CONVENTIONAL

Job Number: D423

Test Unit: 2

Start Date: 2007/02/06

Start Time: 11:45:00

End Date: 2007/02/06

End Time: 17:50:00

Report Date: 2007/02/06

Prepared By: JOHN RIEDL

Remarks:

Qualified By: RANDY KILLIAN

RECOVERY: 20' GAS IN PIPE

70' O+WCGM

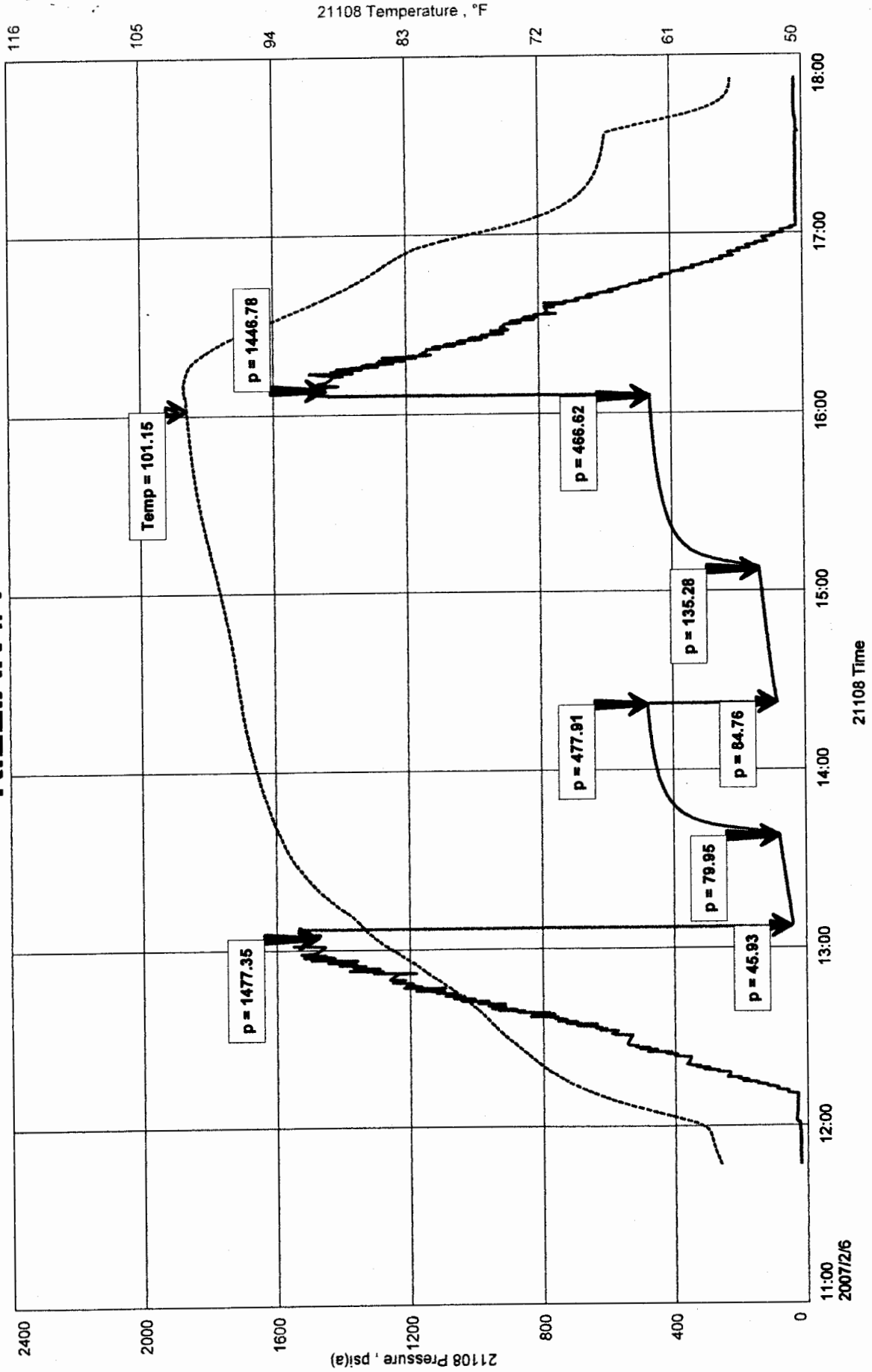
150' VSLOC~~GM~~

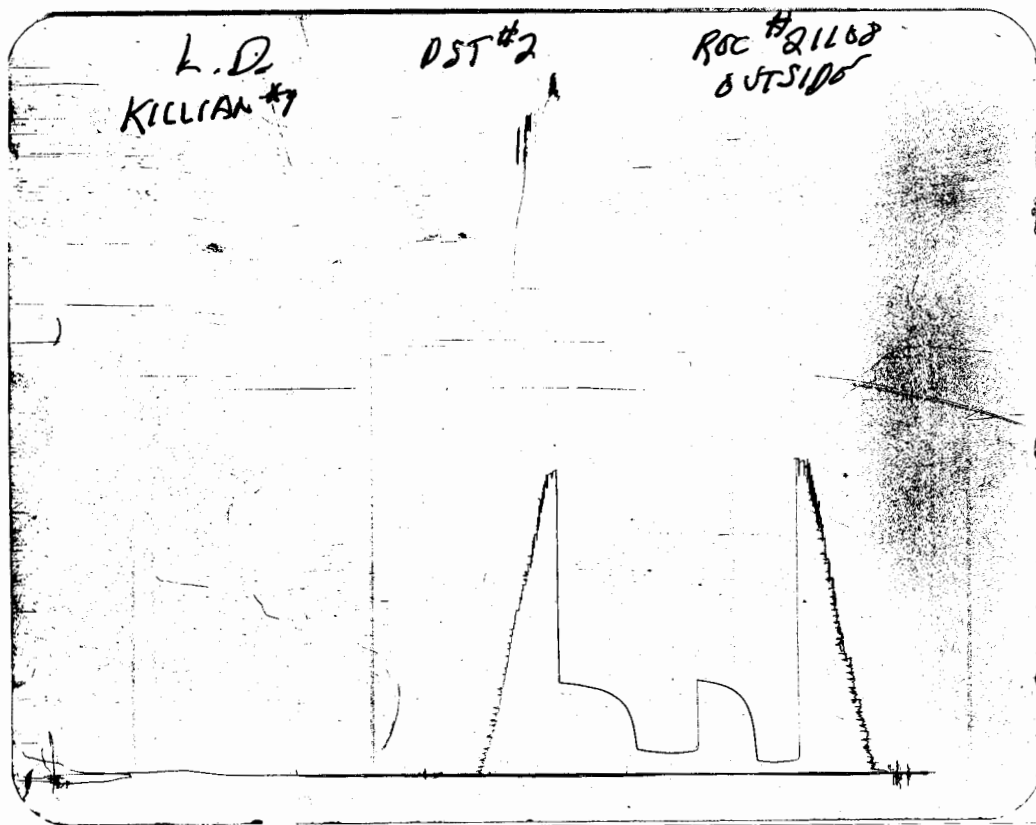
TOTAL FLUID REC. 220' IN DRILL PIPE

L D DRILLING INC
DST #2 3044 TO 3085
Start Test Date: 2007/02/06
Final Test Date: 2007/02/06

KILLIAN #1

KILLIAN #1
Formation: LANSING "F,G"
Job Number: D423





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading
	Field Reading		
(A) Initial Hydrostatic Mud	1477	1477	PSI
(B) First Initial Flow Pressure.....	46	46	PSI
(C) First Final Flow Pressure	80	80	PSI
(D) Initial Closed-in Pressure	478	478	PSI
(E) Second Initial Flow Pressure.....	85	85	PSI
(F) Second Final Flow Pressure.....	135	135	PSI
(G) Final Closed-in Pressure.....	467	467	PSI
(H) Final Hydrostatic Mud	1447	1447	PSI



DIAMOND TESTING
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Page 1 of 2 Pages

Company L. D. Drilling, Inc. Lease & Well No. Kilian No. 1
Elevation 1819 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. J2026
Date 2-07-07 Sec. 21 Twp. 15S Range 12W County Russell State Kansas
Test Approved By Randy Kilian Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 3,235 ft. to 3,269 ft. Total Depth 3,269 ft.

Packer Depth 3,230 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,235 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,238 ft. Recorder Number 21108 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,266 ft. Recorder Number 11017 Cap. 4,000 psi

Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Royal Drilling - Rig 1 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 46 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 8.8 cc. Drill Pipe Length 3,215 ft. I.D. 3 1/2 in.

Chlorides 3,200 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 34 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow 1st Open: Weak blow. Dead in 15 mins.

2nd Open: No blow.

Recovered 2 ft. of slightly gas cut mud = .028400 bbls. (Grind out: 5%-gas; 95%-mud)

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Remarks --

Time Set Packer(s) 2:15 ^{XXM.} P.M. Time Started Off Bottom 4:15 ^{XXM.} P.M. Maximum Temperature 93°

Initial Hydrostatic Pressure (A) 1581 P.S.I.

Initial Flow Period Minutes 30 (B) 34 P.S.I. to (C) 39 P.S.I.

Initial Closed In Period Minutes 30 (D) 59 P.S.I.

Final Flow Period Minutes 30 (E) 47 P.S.I. to (F) 36 P.S.I.

Final Closed In Period Minutes 30 (G) 46 P.S.I.

Final Hydrostatic Pressure (H) 1568 P.S.I.

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: RANDY KILLIAN

Phone: Fax: e-mail:

Well Information:

Name: KILIAN #1

Operator: L D DRILLING INC

Location-Downhole: DST #3 3235 TO 3269

Location-Surface: S21/15S/12W RUSSELL COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: RANDY KILLIAN

Test Type: CONVENTIONAL

Job Number: D424

Test Unit: 2

Start Date: 2007/02/07

Start Time: 12:55:00

End Date: 2007/02/07

End Time: 17:55:00

Report Date: 2007/02/07

Prepared By: JOHN RIEDL

Remarks:

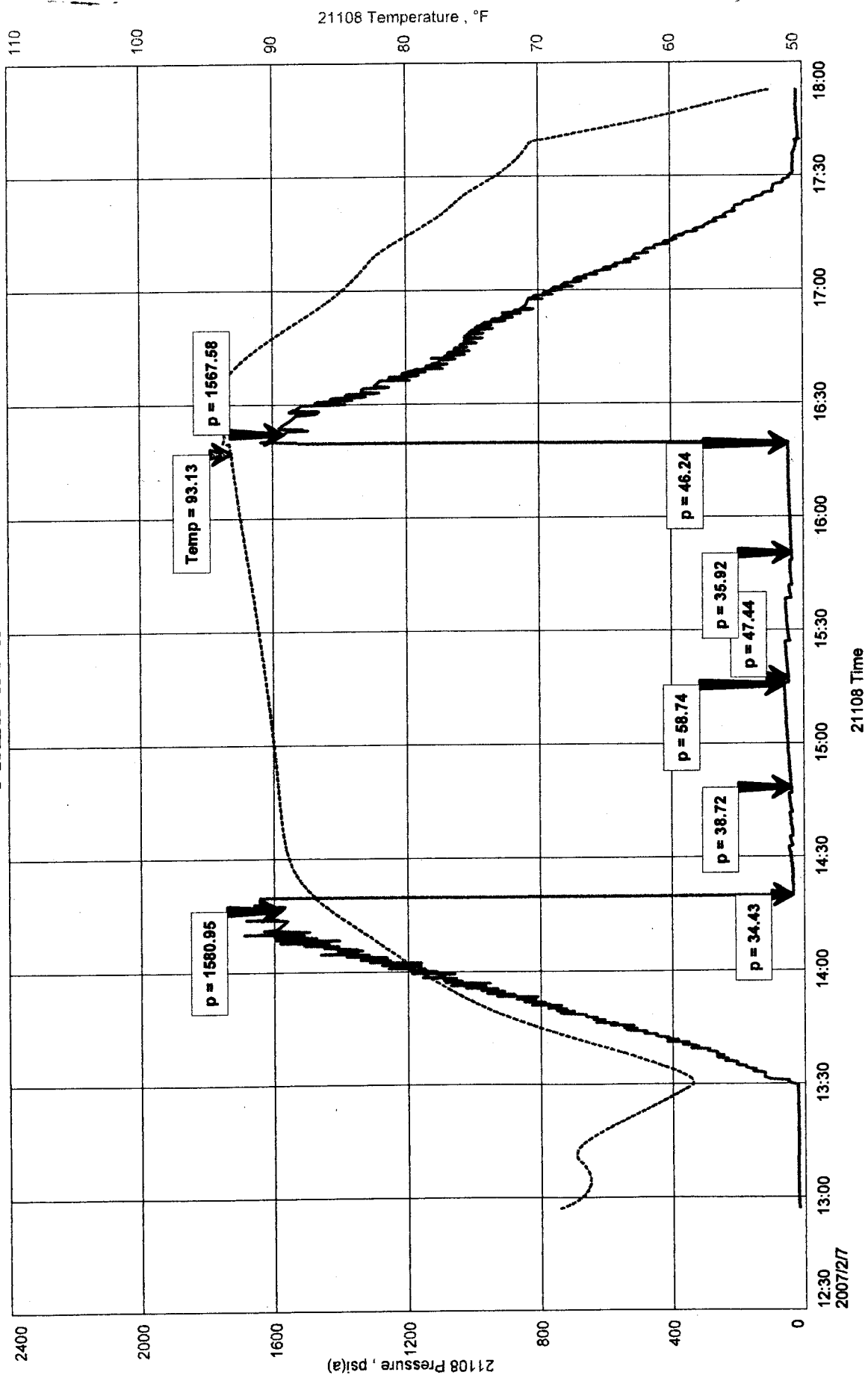
Qualified By: RANDY KILLIAN

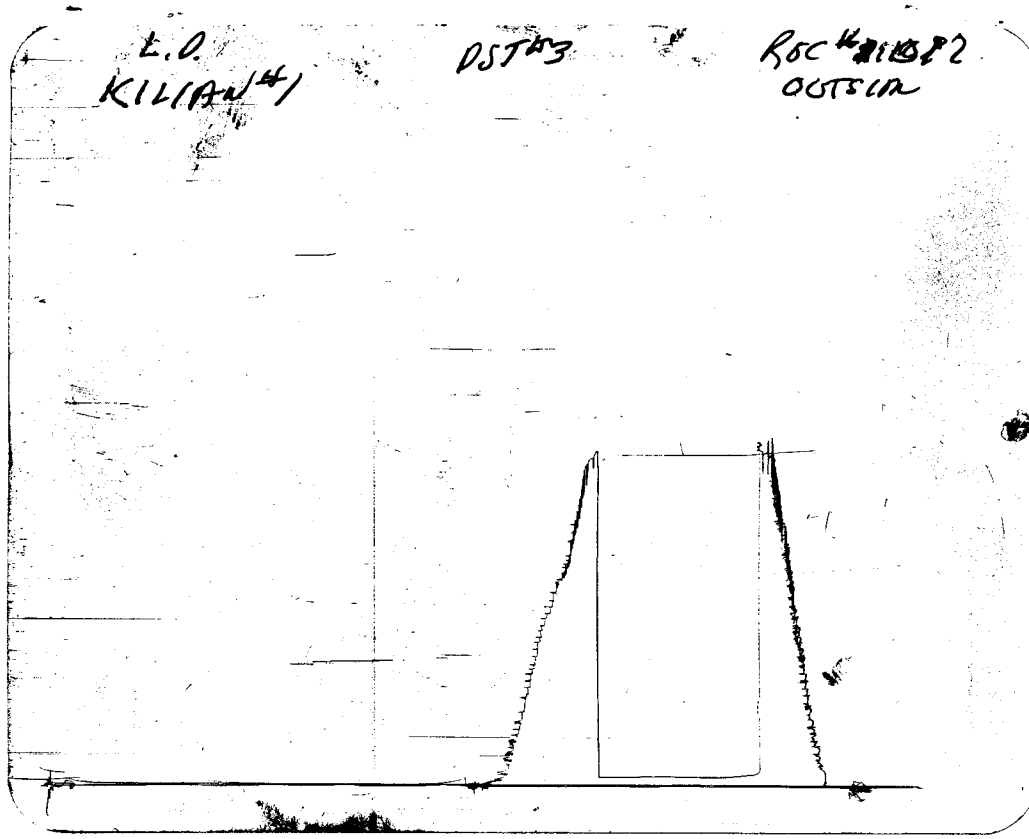
RECOVERY: 2' SLGCM

KILIAN #1
Formation: ARBUCKLE
Job Number: D424

L D DRILLING INC
DST #3 3235 TO 3269
Start Test Date: 2007/02/07
Final Test Date: 2007/02/07

KILIAN #1





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	
	Field Reading			
(A)	Initial Hydrostatic Mud	1581	1581	PSI
(B)	First Initial Flow Pressure.....	34	34	PSI
(C)	First Final Flow Pressure	39	39	PSI
(D)	Initial Closed-in Pressure	59	59	PSI
(E)	Second Initial Flow Pressure	47	47	PSI
(F)	Second Final Flow Pressure.....	36	36	PSI
(G)	Final Closed-in Pressure.....	46	46	PSI
(H)	Final Hydrostatic Mud	1568	1568	PSI



DIAMOND TESTING

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STC 21108.D425

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Company L. D. Drilling, Inc. Lease & Well No. Kilian No. 1
Elevation 1819 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. J2027
Date 2-08-07 Sec. 21 Twp. 15S Range 12W County Russell State Kansas
Test Approved By Randy Kilian Diamond Representative John C. Riedl

Formation Test No. 4 Interval Tested from 3,237 ft. to 3,274 ft. Total Depth 3,274 ft.

Packer Depth 3,232 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,237 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,240 ft. Recorder Number 21108 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,271 ft. Recorder Number 11017 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Royal Drilling - Rig 1 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 48 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 8.0 cc. Drill Pipe Length 3,217 ft. I.D. 3 1/2 in.

Chlorides 3,200 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - JF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 37 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1 in., blow decreasing to 1/2 in. by end.
2nd Open: Weak, 1/2 in., blow throughout.

Recovered 40 ft. of clean gassy oil = .568000 bbls. (Grind out: 10%-gas; 90%-oil) Gravity: 39 @ 60°

Recovered 25 ft. of mud cut gassy oil = .355000 bbls. (Grind out: 15%-mud; 10%-gas; 75%-oil)

Recovered 65 ft. of TOTAL FLUID = .923000 bbls.

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 1:15 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 3:15 ~~P.M.~~ ^{A.M.} Maximum Temperature 91°

Initial Hydrostatic Pressure (A) 1593 P.S.I.

Initial Flow Period Minutes 30 (B) 39 P.S.I. to (C) 44 P.S.I.

Initial Closed In Period Minutes 30 (D) 700 P.S.I.

Final Flow Period Minutes 30 (E) 45 P.S.I. to (F) 51 P.S.I.

Final Closed In Period Minutes 30 (G) 578 P.S.I.

Final Hydrostatic Pressure (H) 1552 P.S.I.

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone:

Fax:

e-mail:

Site Information:

Contact: RANDY KILLIAN

Phone:

Fax:

e-mail:

Well Information:

Name: KILIAN #1

Operator: L D DRILLING INC

Location-Downhole: DST #4 3237 TO 3274

Location-Surface: S21/15S/12W RUSSELL COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: RANDY KILLIAN

Test Type: CONVENTIONAL

Job Number: D425

Test Unit: 2

Start Date: 2007/02/07

Start Time: 11:40:00

End Date: 2007/02/08

End Time: 05:10:00

Report Date: 2007/02/08

Prepared By: JOHN RIEDL

Remarks:

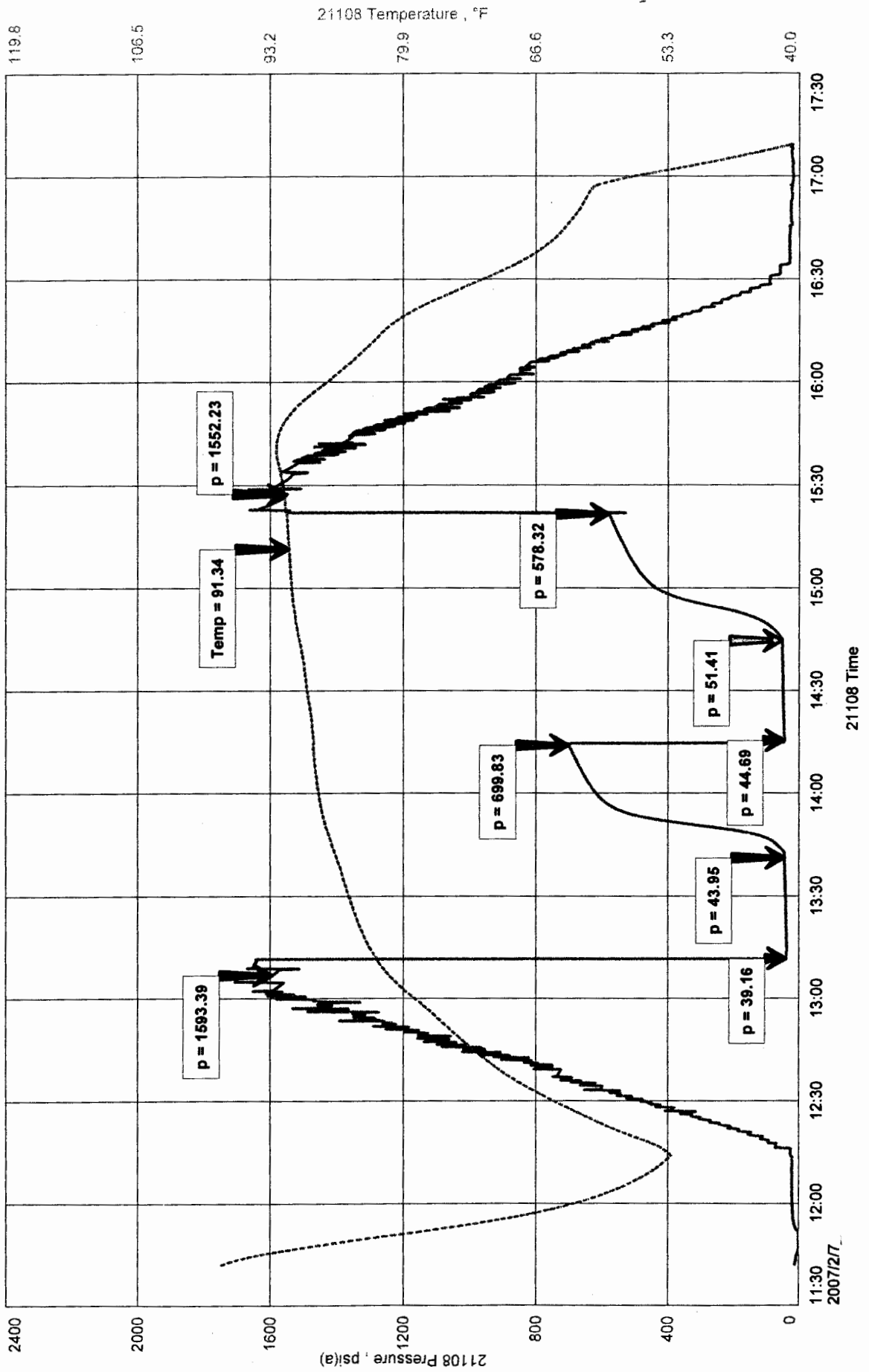
Qualified By: RANDY KILLIAN

RECOVERY: 40' CLEAN GASSY OIL
25' MUD CUT GASSY OIL
TOTAL FLUID REC. 65' IN DRILL PIPE

KILIAN #1
Formation: ARBUCKLE
Job Number: D425

L D DRILLING INC
DST #4 3237 TO 3274
Start Test Date: 2007/02/07
Final Test Date: 2007/02/08

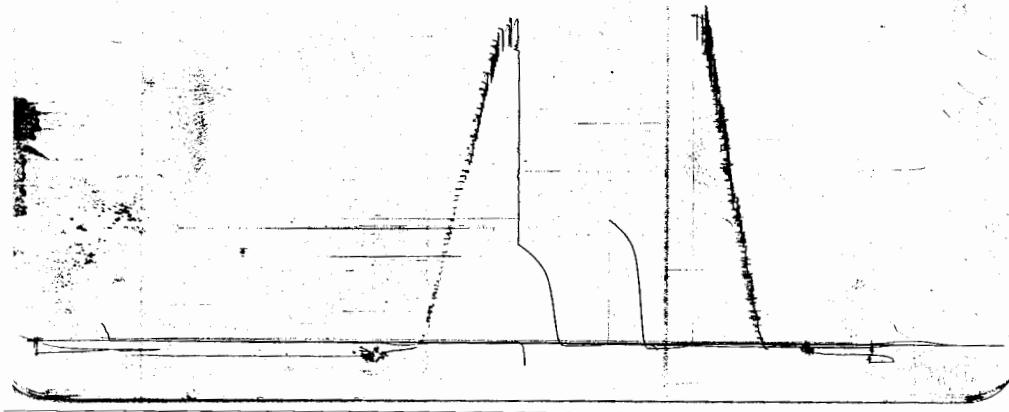
KILIAN #1



L.D.
KILIAN,

DSF#4

ROCKWELL
OUTSIDE



This is an actual photograph of recorder chart.

POINT	PRESSURE Elec.		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1593	1593	PSI
(B) First Initial Flow Pressure.....	39	39	PSI
(C) First Final Flow Pressure	44	44	PSI
(D) Initial Closed-in Pressure	700	700	PSI
(E) Second Initial Flow Pressure.....	45	45	PSI
(F) Second Final Flow Pressure.....	51	51	PSI
(G) Final Closed-in Pressure.....	578	578	PSI
(H) Final Hydrostatic Mud	1552	1552	PSI